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Datasheet for ABIN4996817

## anti-NUAK1 antibody (AA 451-550) (AbBy Fluor® 680)

### Overview

Quantity:	100 µL
Target:	NUAK1
Binding Specificity:	AA 451-550
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUAK1 antibody is conjugated to AbBy Fluor® 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ARK5
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	NUAK1
Alternative Name:	ARK5 ( <a href="#">NUAK1 Products</a> )
Background:	Synonyms: AMPK related protein kinase 5, NUAK family SNF1 like kinase, NUAK1, Probable

## Target Details

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serine/threonine protein kinase KIAA0537.

Background: ARK5, a novel AMPK family member, is the tumor cell survival factor activated by Akt and acts as an ATM kinase under the conditions of nutrient starvation. It plays a key role in tumor malignancy downstream of Akt. Its overexpression is associated with tumor invasion and metastasis.

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Gene ID: 9891

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months